

THIS STANDARD IS APPROVED BY THE COMMISSIONER, FEDERAL SUPPLY SERVICE, GENERAL SERVICES ADMINISTRATION, FOR THE USE OF ALL FEDERAL AGENCIES.

AUTOMOBILES: Sedans and Station Wagons Gasoline and Alternative Fuel Powered

Federal Standard Number 122AR, July 1, 2000 - Superseding - Federal Standard Number 122AP, July 1, 1999

1. SCOPE, PURPOSE AND COVERAGE

1.1 SCOPE.

This document covers new, commercially produced, four wheeled, two wheel driven (4X2) passenger automobiles, which are completely equipped for operation, and subject to the statutory price limitations. Automobiles procured under this Federal Standard conform to all FMUSS, EPA regulations, state and local laws and regulations, and shall be warranted by the contractor as specified in section 3.9.

1.2 PURPOSE.

The purpose of this document is to achieve a practical degree of standardization within the Federal Government's automobile fleet. This standard establishes a classification for the various sizes of automobiles, general requirements, and equipment.

1.3 COVERAGE.

The automobiles covered by this standard are listed by tables.

TABLES	AUTOMOBILES/PASSENGERS	MODEL	CLASS	PAGE
I	Sedans - 4	Subcompact	I	4
II	Sedans - 5	Compact	II	6
III	Sedans - 5	Midsized	III	8
IV	Sedans - 6	Large	IV	10
V	Station wagons - 4	Subcompact	I	12
VI	Station wagons - 5	Compact	II	14
VII	Station wagons - 5	Midsized	III	16
VIII	Sedans	Police type	III & IV	18

This Federal Standard does not include all varieties of the commodity, as indicated by the title, which are commercially available, but is intended to cover only those generally acquired competitively by the Federal Government.

1.4 CLASSIFICATION.

Automobiles shall be classified (divided) into "Classes" in accordance with the parameters of the tables and Chart A, MPG requirements (see page 2). Unless otherwise specified, automobiles which do not attain the miles per gallon (MPG) fuel characteristics established in Chart A shall not be offered or furnished. Automobile(s) identified as "law enforcement" and those being purchased for export are exempt from the minimum "MPG" fuel characteristic requirements.

1.5 RESERVED.

The standard item(s) and the coded additional systems and equipment, shall comply with the minimum requirements specified in the tables and in the applicable detailed requirements. The additional systems and equipment (options) specified and those listed after each table are additional components, systems, devices, markings, and services, to be provided and installed, when specified by the purchaser, to meet agency needs (see Section 6: Notes). Other special equipment items may be further described in authoritative documents. An "Option" cited in the standard or in the procurement document is a "Requirement" to be provided under the contract.

1.6 STANDARD BASE PASSENGER VEHICLE(S).

The basic commercial passenger automobiles completely equipped for ordinary operation subject to statutory price limitations are determined by the General Services Administration, pursuant to Public Law 91-423, to be:

- Classes I, II, III, and IV, cited as item numbers 8, 9, 10, 11, 12, 13, and 14 in the tables of this standard, and;
- Police-type vehicle Class I and IV, cited as item numbers 17, 17a, and 8d in the tables of this standard, as basically produced by vehicle manufacturer, and equipped with police-type component package 3.2.1 or high speed component package 3.2.7, and;
- Special heavy-duty vehicle Class III and IV, cited as item numbers 10, 11, and 14 in the tables of this standard, equipped with heavy-duty handling/towing components, six or eight cylinder engine with the highest power available for the model offered; power steering; power brakes; cooling system heavy-duty, highest capacity available; engine and transmission oil coolers when available; left and right outside mirrors, remote control type; and split front or bucket seats, power controlled on driver's side.

IMPORTANT NOTICE: Dealer delivery is the normal method of delivery in this standard. If direct (consignee) delivery is required, Code CNS must be cited.

CHART A • 2000 Classification & MPG Requirements (see 1.6)

CLASS	MODEL	VOLUME INDEX A (FT3)	ENGINES	CODES	TRANSMISSIONS	
					AUTOMATIC - T2 MINIMUM MPG B	MANUAL - T4
Sedans						
I	Subcompact	95	Std. 4 cyl.		<u>29</u>	<u>30</u>
II	Compact	103	Std. 4 cyl.	E2	27	-
			Opt. 6 cyl.		<u>25</u>	<u>30</u>
III	Midsize	116	Std. 6 cyl.	E2	<u>26</u>	-
			Opt. 6 cyl.		24	-
IV	Large	128	Std. 8 cyl.	E2	<u>24</u>	-
			Opt. 6 cyl.		<u>26</u>	-
Station Wagons						
I	Subcompact	120	Std. 4 cyl.		<u>33</u>	35
II	Compact	130	Std. 6 cyl.		<u>29</u>	-
III	Midsize	<u>140</u>	<u>Std. 6 cyl.</u>	<u>E2</u>	<u>23</u>	-

Notes: A - Interior Volume Index, Sum of Passenger and Trunk Volumes (cubic ft.).

B - EPA Model Year Fuel Economy Information Combined MPG (city/hwy.) unadjusted.

1 - The dashes (-) above in this guide mean vehicle not available in such a power-train combination.

2 - Federal fleet average fuel economy for 2001 is 27.5 MPG.

Any equipment and components added by tables, options, and by specification in a solicitation and any equipment categorized by the manufacturer for these vehicle classes in addition to that specified for a, b, and c above, shall be construed to be "additional systems and equipment" within the meaning of Public Law 91-423.

1.7 METRICATION.

Federal Agencies, to the extent economically feasible, use the metric system of measurement in procurements and other business related activities. Specifications and standards will be developed in metric when metric is the accepted industry system. In this document, metric is used with the exception of items covered by Federal Regulations (miles per gallon ratings, volume index), items built to inch measurements for interchangeability (wheel diameters, spotlight diameters).

Alternate Fuel Vehicles Available Under This Federal Standard

Table	Item Number	Vehicle Configuration	Fuel Type	Manufacturer	Remarks
I	8C	Subcompact	CNG2	GM	Cavalier
I	8C	Subcompact	CNG	Honda	Civic
III	10B	Sedan, Midsize	E85	Ford	Taurus
IV	11B	Sedan, Large	CNG	Ford	Crown Victoria
VIII	17A	Police	CNG	Ford	Crown Victoria

2. REFERENCED DOCUMENTS

2.1 APPLICABLE REFERENCES.

The following documents of the issue in effect on date of invitation for bids or request for proposal form a part of this standard to the extent specified herein.

- Fed. Std. No. 595B - Colors.

Federal standards and specifications are available from the GSA Specification Section (3FBP-W), Suite 8100, 476 L'Enfant Plaza S.W., Washington, D.C. 20407 no. (202) 619-8925

Copies of this standard are available by writing to :

General Services Administration
Centralized Mailing List Service (7CAFL))
P.O. Box 6477
Fort Worth, TX 76115
FAX: (817) 334-5227

The mailing code for this standard is AUTO-0001.

2.1.1 CLASSIFICATION METHOD AND REFERENCE.

The vehicle classification characteristics and specifications shall be determined from the U.S. Environmental Protection Agency (EPA), and Department of Energy (DOE) fuel economy information.

NOTE: The production status of alternative fuel vehicles is tentative and quantities may be limited. Requisitions should be submitted as early as possible.

NOTE: Significant technical changes are highlighted with underlining as an aid. No representation is made about the thoroughness of this highlighting.

2.2 ABBREVIATIONS AND DEFINITIONS.

Following are the abbreviations or contractions and their meanings as they appear and are used in this standard:

ABBREVIATIONS	DEFINITIONS
ALT -----	ALTERNATE OR ALTERNATIVE
AMP -----	AMPERE
BAT -----	BATTERY
CAL -----	CALIFORNIA
CAP -----	CAPACITY
CD -----	CUBIC DISPLACEMENT (Liters)
CM -----	CENTIMETERS
CYL -----	CYLINDERS
DIA -----	DIAMETER
ELEC -----	ELECTRIC/ELECTRICAL
FRT -----	FRONT
FWD -----	FRONT WHEEL DRIVE
GAS -----	GASOLINE
H.D. -----	HEAVY DUTY
H.D.A. -----	HEAVIEST DUTY AVAILABLE (Not Extra H.D.)
H.O. -----	HIGH OUTPUT
HWY -----	HIGHWAY
IN -----	INCH OR INCHES
KW -----	ENGINE POWER (Kilowatts)
L -----	LITER
MAN -----	MANUAL
MAX -----	MAXIMUM
MIN -----	MINIMUM
MM -----	MILLIMETER
MPG -----	MILES PER GALLON
MSPC -----	MFR. STD. PAINT COLOR
N/A -----	NOT APPLICABLE OR NOT AVAILABLE
OEM -----	ORIGINAL EQUIPMENT MANUFACTURER
OPT (O) -----	OPTION - OPTIONAL
PASS -----	PASSENGERS
R & L -----	RIGHT AND LEFT
SPD -----	SPEED
STD(S) -----	STANDARD (Specifications)
SYS -----	SYSTEM
V -----	V-TYPE (Engine)
W/, & W/O ---	WITH/WITHOUT NOT REQUIRED
/ -----	AND

3. SELECTION AND GENERAL REQUIREMENTS- *see the following tables*

TABLE I
SEDANS, CLASS I - SUBCOMPACT, 4 PASSENGER

ITEM NO.	8	8C	8D** (G)
SPECIFICATION DATA	BASIC UNIT	ALTERNATE	ALTERNATE
MODEL	4 DOOR	4 DOOR	2 DOOR
Style, Trunk or Hatchback	Trunk	Trunk	Hatchback
Volume Index, min., cu. ft.	95	95	95
Wheelbase, mm. min.	2400	2400	2500
Base curb weight, kg. min.	1000	1000	-
Hip/leg room, rear seat, mm min.	1125/800	1125/800	1125/680
Engine, type, cyl/CD min.	gas, 4/1.8L	gas, 4/1.8L	gas, 8/5.7L
Transmission, manual, 5/6 spd.	X	-	-
Transmission, automatic	-	X	X - 4 spd
Brakes, power	-	X - ABS	X - ABS
Steering, power	-	X	X
Suspension, OEM STD.	X	X	H3,Max avail.
Tires, radial, wheel/tire size, min.	14/P175	14/P175	16/P245, Z Rated
Electrical system, h.d.a.	-	X	X
Cooling system, h.d.a.	-	X	X
Air conditioning	-	X	X
Radio, AM/FM	-	X	X - RACS
Body side moldings	-	X	X
Rear window defroster, elec.	-	X	X
Seat frt., bucket	X	X	X
Wheel covers or Hubcaps	-	X	Cast wheels
Mirrors, right & left side	-	X	X
Wipers, intermittent	-	X	X
Cloth upholstery, seat area	-	X	X
Trunk/cargo light	-	-	X
Floor mats, front	-	X	X
Speed control	-	-	X
Tilt wheel	-	-	X
Remote trunk/hatch release	-	-	X
Power window & door locks	-	-	X
Driver frontal impact air bag	X	X	X
Passenger frontal impact air bag	X	X	X

REPRESENTATIVE VEHICLES

ITEM:	8, 8C	8D*	ALTERNATE FUEL
Chrysler (C)	Neon	-	
Ford (F)	Focus		
GM (G)	***Saturn, Prizm, Cavalier, Sunfire	Camaro	CNG2 (Cavalier)
Honda (H)	Civic (CNG only)		CNG
Mercury (M)	Cougar		

* High speed, for law enforcement use only - MPG requirements do not apply.

** Sole Source

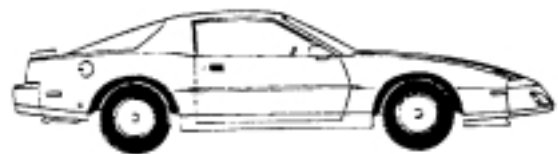
*** 1. Dealer Delivery Only
2. Limited Quantities

TABLE I, continued

OPTIONAL EQUIPMENT		8C	8D
ATC	Automatic traction control	N/A	O
AW1	Additional Warranty, 12 months - 12,000mi.	O	O
AW2	Additional Warranty, 24 months - 24,000mi.	O	O
AW3	Additional Warranty, 36 months - 36,000mi.	O	O
CEC	California emissions	O	O
CNG	Dedicated compressed natural gas	S, (H)	-
<u>CNG2</u>	<u>Alternative fuel (gasoline/natural gas)</u>	<u>O</u>	<u>-</u>
CNS	Consignee delivery	O	O
CR	Speed control	O	S
D3	Special traction differential	-	S
DRL	Daytime running Lights	O	O
EH	Engine block heater (N/A F)	O	O
<u>LF</u>	<u>Leaded Fuel (export)</u>	<u>O*(G)</u>	<u>-</u>
PWL	Power windows and door locks	O	S
RACS	AM/FM Radio with integral cassette player	O	O
RACD	AM/FM Radio with integral cassette and CD player	O**(C)	O**(C)
RAD	AM/FM Radio with integral disc player	O	O
RCT	Remote trunk/hatch release	O	S
RHDX	Right hand drive (export only)	O**(G)*	-
RKE	Remote keyless entry	O	O
SK	Metric odometer	O	N/A
SIAB	Side Impact Air Bags	O	O
T4	Manual transmission	O	O
TS	Tilt steering	O	S

* Japan Only

** Sole Source

**8C****8D**

Notes:

TABLE II
SEDANS, CLASS II - COMPACT, 5 PASSENGER

ITEM NO.	9	9C
SPECIFICATION DATA	BASIC UNIT	ALTERNATE
MODEL	4 DOOR	4 DOOR
Style, trunk or hatchback	trunk	trunk
Volume Index, min. <u>cu. ft.</u>	<u>103</u>	<u>103</u>
Wheelbase, mm. min.	2625	2625
Base curb weight kg. min	1250	1250
Hip/leg room, rear seat, mm min.	1155/870	1155/870
Engine, type, cyl/CD min.	gas, 4/ <u>2.4L</u>	gas, 4/ <u>2.4L</u>
Transmission, manual, 5/6 spd.	X	N/A
Transmission, automatic	-	X - 4 spd
Brakes, power	X	<u>ABS</u>
Steering, power	X	X
Suspension, h.d.a.	-	X
Tires, radial, wheel/tire size, min.	14/P185	14-15/P185
Electrical system, h.d.a.	-	X
Cooling system, h.d.a.	-	X
Air conditioning	-	X
Radio, AM/FM	-	X
Body side moldings	-	X
Rear window defroster, elec.	-	X
Seat frt., split or bucket	-	X
Wheel covers	-	X
Mirrors, R & L side	-	X
Wipers, intermittent	-	X
Cloth upholstery	-	X
Trunk light	-	X
Floor mats, front & rear	-	X
Tilt wheel	-	X
Driver frontal impact air bag	X	X
Passenger restraint system	X	X

REPRESENTATIVE VEHICLES

	STD.	E2	ALTERNATIVE FUEL
Chrysler (C) Sebring, Stratus	X	X	<u>N/A</u>
GM (G) Grand Am,	-	-	-
Malibu, Alero	-	<u>X</u>	-
<u>Saturn LS</u>	-	<u>X</u>	

TABLE II, continued

OPTIONAL EQUIPMENT		9C
ATC	Automatic Traction Control	O**(G)
AW1	Additional Warranty, 12 months - 12,000mi.	O
AW2	Additional Warranty, 24 months - 24,000mi.	O
AW3	Additional Warranty, 36 months - 36,000mi.	O
CEC	California emissions	O
CNS	Consignee delivery	O
CR	Speed control	O
DRL	Daytime running Lights	O
E2	6 cylinder <u>2.7L</u> engine , min.	O
EH	Engine block heater (N/A F)	O
LF	Leaded fuel (export)	O
PWL	Power windows & locks	O
RACS	AM/FM Radio with integral cassette player	O
RAD	AM/FM Radio with integral disc player	O
RCT	Remote trunk release <u>from passenger compartment</u>	O
RKE	Remote keyless entry	O
SIAB	Side Impact Air Bags	O
SK	Metric odometer	O

** Sole Source

**9C**

Notes:

TABLE III
SEDANS, CLASS III - MIDSIZE, 5 PASSENGER

ITEM NO.	10	10B
SPECIFICATION DATA	BASIC UNIT	ALTERNATE
MODEL	4 DOOR 4 DOOR	
Style, trunk or hatchback	trunk	trunk
Volume Index, min. <u>cu. ft.</u>	116	116
Wheelbase, mm. min.	2725	2725
Base curb weight kg, min	1500	1500
Hip/leg room, rear seat, mm min.	1400/915	1400/915
Engine, type, cyl/CD min.	gas, 6/2.7L	gas, 6/2.7L
Transmission, automatic	X	X - 4 spd
Brakes, power	X	<u>ABS</u>
Steering, power	X	X
Suspension, h.d.a.	-	X
Tires, radial, wheel/tire size, min.	15/205	15-16/205
Electrical system, h.d.a.	-	X
Cooling system, h.d.a.	-	X
Air conditioning	-	X
Radio, AM/FM	-	X
Body side moldings	-	X
Rear window defroster, elec.	-	X
Seat frt., split or bucket	-	X
Wheelcovers	-	X
Mirrors, R&L side	-	X
Wipers, intermittent	-	X
Cloth upholstery	-	X
Tilt Wheel	-	X
Speed Control	-	X
Trunk light	-	X
Floor mats, front & rear	-	X
Power windows and locks	-	X
Driver frontal impact air bag	X	X
Passenger frontal impact air bag	X	X

REPRESENTATIVE VEHICLES

	STD.	ALTERNATIVE FUEL
Chrysler (C) Intrepid, LHS, Concord, <u>300m</u>	X ¹	<u>E-85 Taurus (Ford)</u>
Ford <u>Taurus, Sable</u>		<u>E-85 Taurus</u>
GM (G) Century,	X ¹	
Intrigue, Regal, Grand Prix, Monte Carlo	-	
Bonneville, LeSabre, <u>Impala</u>		

**Sole source

Available option for leaded fuel.

TABLE III, continued

OPTIONAL EQUIPMENT		10B
ATC	Automatic traction control	O
AW1	Additional Warranty, 12 months - 12,000mi.	O
AW2	Additional Warranty, 24 months - 24,000mi.	O
AW3	Additional Warranty, 36 months - 36,000mi.	O
CEC	California emissions	O
CNS	Consignee delivery	O
DC	Delete speed control	O (N/A F)
DRL	Daytime running Lights	O
E2	Extra power six cylinder engine, min. 3.0 L	O (F w/24 valve) (G min. 3.8L) (C min. 3.5L)
E85	Alt. fuel (ethanol/gasoline) 3.0L	O** (F)
EH	Engine block heater	O
LF	Leaded fuel (export)	O
PWD	Power driver seat	O
RCT	Remote trunk release from passenger compartment	O
RACS	AM/FM Radio with Integral cassette player	O
RAD	AM/FM Radio with integral disc player	O
RKE	Remote keyless entry	O
SIAB	Side Impact Air Bags	O
SK	Metric odometer	O

**Sole Source

**10B**

Notes:

TABLE IV
SEDANS, CLASS IV - LARGE, 6 PASSENGER

ITEM NO.	11	11B
SPECIFICATION DATA	BASIC UNIT	ALTERNATE
MODEL	4 DOOR 4 DOOR	
Style, trunk or hatchback	trunk	trunk
Volume Index, min. <u>cu. ft.</u>	128	128
Wheelbase, mm. min.	2890	2890
Base curb weight, kg. min.	1700	1700
Hip/leg room, rear seat, mm min.	1410/960	1410/960
Engine, type, cyl/CD min.	<u>gas, 6/3.1L</u>	<u>gas, 6/3.1L</u>
Transmission, automatic	X	X - 4 spd
Brakes, power	X	X-ABS
Steering, power	X	X
Suspension, h.d.a.	-	X
Tires, radial, wheel/tire size, min.	16/P225	16/P225
Electrical system, h.d.a.	-	X
Cooling system, h.d.a.	-	X
Air conditioning	-	X
Radio, AM/FM	-	X
Body side moldings	-	X
Rear window defroster, elec.	-	X
Seat frt., split	-	X
Wheel covers	-	X
Mirrors, R & L side	-	X
Wipers, intermittent	-	X
Cloth upholstery	-	X
Trunk light	-	X
Tilt wheel	-	X
Speed control	-	X
Floor mats, front & rear	-	X
Power windows & door locks	-	X
Driver frontal impact air bag	X	X
Passenger frontal impact air bag	X	X

REPRESENTATIVE VEHICLES

		STD.	ALTERNATIVE FUEL
<u>GM</u>	Park Avenue		
<u>Ford (F)</u>	Crown Victoria, Grand Marquis	<u>X</u> ¹	CNG Crown Victoria

TABLE IV, continued

OPTIONAL EQUIPMENT		11B
ATC	Automatic traction control	O
AW1	Additional Warranty, 12 months - 12,000mi.	O
AW2	Additional Warranty, 24 months - 24,000mi.	O
AW3	Additional Warranty, 36 months - 36,000mi.	O
CEC	California emissions	O
CNG	Alt. fuel (dedicated Nat. gas)	O** (F)
CNS	Consignee delivery	O
CUCI	Cloth upholstery ,carpet mats & floor cover (use w/H8 only)	O** (F)
DRL	Daytime running Lights	O (N/A F)
E2	Six cylinder engine, 3.8L min.	O** (G)
EH	Engine block heater	O
H3	Performance handling (N/A w/H8, TTP)	O
H8	Taxi package (N/A w/H3, TTP)(includes VU)	O** (F)
LF	Leaded fuel (export) (N/A w/E2)	O
PWD	Power driver seat	O
RACS	AM/FM Radio with Integral cassette player	O
RAD	AM/FM Radio with integral disc player	O
RCT	Remote trunk release	O
RKE	Remote keyless entry	O
SIAB	Side Impact Air Bags	O (N/A F)
SK	Metric odometer	O
TTP	Trailer towing preparation package	O (N/A F)

**Sole source

**11B**

Notes:

TABLE V
STATION WAGON, CLASS I - SUBCOMPACT, 4 PASSENGER**

ITEM NO.	12	12A
SPECIFICATION DATA	BASIC UNIT	ALTERNATE
MODEL	4 DOOR	4 DOOR
Style, tail or liftgate	liftgate	liftgate
Volume Index, min. (cu. ft.)	<u>106</u>	<u>106</u>
Wheelbase, mm. min.	2495	2495
Hip/leg room, rear seat, mm min.	1250/860	1250/860
Engine, type, cyl/CD min.	gas, <u>2.0L</u>	gas, <u>2.0L</u>
Transmission, automatic	X	X - 4 spd
Brakes, power	-	X
Steering, power	-	X
Suspension, h.d.a.	-	X
Tires, wheel/tire size, min.	14/P185	15/P195
Electrical system, h.d.a.	-	X
Cooling system, h.d.a.	-	X
Air conditioning	-	X
Radio, AM/FM	-	X
Body side moldings	-	X
Rear window defroster, elec.	-	X
Seat frt., bucket	-	X
Wheel covers	-	X
Mirrors, R & L side	-	X
Wipers, intermittent	-	X
Cloth upholstery	-	X
Roof carrier	-	X
Cargo light	-	X
Floor mats, front & rear	-	X
Wiper/washer, rear window	-	X
Driver frontal impact air bag	X	X
Passenger frontal impact air bag	X	X

REPRESENTATIVE VEHICLES

STD.

Ford	Focus	<u>X</u>
<u>GM</u>	<u>Saturn SW***</u>	<u>X</u>

*** 1. Dealer Delivery Only
2. Limited Quantities



12A

TABLE V, continued

OPTIONAL EQUIPMENT		12A
AW1	Additional Warranty, 12 months - 12,000mi.	O
AW2	Additional Warranty, 24 months - 24,000mi.	O
AW3	Additional Warranty, 36 months - 36,000mi.	O
CEC	California emissions	O
CNS	Consignee delivery	O
CR	Speed control	O
DRL	Daytime running Lights	O
EH	Engine block heater	O
RACS	AM/FM Radio with Integral cassette player	O
RAD	AM/FM Radio with integral disc player	O
SIAB	Side Impact Air Bags	O
SK	Metric odometer	O
TS	Tilt steering	O

**12A**

Notes:

TABLE VI
STATION WAGON, CLASS II - COMPACT, 5 PASSENGER**

ITEM NO. SPECIFICATION DATA MODEL	13 BASIC UNIT 4 DOOR	13B ALTERNATE 4 DOOR
Style, tail or liftgate liftgate	liftgate	liftgate
Volume Index, min. cu. ft.	<u>128</u>	<u>128</u>
Wheelbase, mm. min.	2650	2650
Hip/leg room, second seat, mm min.	<u>1371/939</u>	<u>1371/939</u>
Engine, type, cyl/CD min.	gas, <u>4/1.9L</u>	gas, <u>4/1.9L</u>
Transmission, automatic	X	X - 4 spd
Brakes, power	X	X-ABS
Steering, power	X	X
Suspension, h.d.a.	-	X
Tires, radial, wheel/tire size, min.	15/P205	15/P205
Electrical system, h.d.a.	-	X
Cooling system, h.d.a.	-	X
Air conditioning	-	X
Radio, AM/FM	-	X
Body side moldings	-	X
Rear window defroster, elec.	-	X
Seat frt., bucket	-	X
Wheel covers	-	X
Mirrors, R & L side	-	X
Wipers, intermittent	-	X
Cloth upholstery	-	X
Tilt wheel	-	X
Speed control	-	X
Wiper/washer, rear window, elec	-	X
Roof carrier	-	X
Cargo light	-	X
Floor mats, front & rear	-	X
Driver frontal impact air bag	X	X
Passenger frontal impact air bag	X	X

REPRESENTATIVE VEHICLES

		Std.
<u>**GM</u>	<u>Saturn LW</u>	<u>X</u>

**Sole source

1. Dealer delivery only.
2. Limited quantities.

TABLE VI, continued

OPTIONAL EQUIPMENT		13B
AW1	Additional Warranty, 12 months - 12,000mi.	O
AW2	Additional Warranty, 24 months - 24,000mi.	O
AW3	Additional Warranty, 36 months - 36,000mi.	O
CEC	California emissions	O
CNS	Consignee delivery	O
DC	Delete speed control	O
DRL	Daytime running Lights	O
<u>E2</u>	<u>Engine, V6, 3.0L</u>	<u>O(F)</u>
EH	Engine block heater	O
RACS	AM/FM Radio with Integral cassette player	O
RAD	AM/FM Radio with integral disc player	O
RCT	Remote trunk release	O
RHDX	Right hand drive (export only)	O
RKE	Remote keyless entry	O
S3	Third seat (cloth or vinyl)	O
SIAB	Side Impact Air Bags	O
SK	Metric odometer	O

**13B**

Notes:

TABLE VII
STATION WAGON, CLASS III - MIDSIZE, 5 PASSENGER**

ITEM NO. SPECIFICATION DATA MODEL	14 BASIC UNIT 4 DOOR	14C ALTERNATE 4 DOOR
Style, tail or liftgate liftgate	liftgate	liftgate
Volume Index, min. cu. ft.	<u>140</u>	<u>140</u>
Wheelbase, mm. min.	2650/ <u>1043</u>	2650/ <u>1043</u>
Hip/leg room, second seat, mm min.	1425/975	1425/975
Engine, type, cyl/CD min.	gas, <u>6/3.0L</u>	gas, <u>6/3.0L</u>
Transmission, automatic	X	X - 4 spd
Brakes, power	X	X-ABS
Steering, power	X	X
Suspension, h.d.a.	-	X
Tires, radial, wheel/tire size, min.	15/P205	15/P205
Electrical system, h.d.a.	-	X
Cooling system, h.d.a.	-	X
Air conditioning	-	X
Radio, AM/FM	-	X
Body side moldings	-	X
Rear window defroster, elec.	-	X
Seat frt., bucket	-	X
Wheel covers	-	X
Mirrors, R & L side	-	X
Wipers, intermittent	-	X
Cloth upholstery	-	X
Tilt wheel	-	X
Speed control	-	X
Wiper/washer, rear window, elec	-	X
Roof carrier	-	X
Cargo light	-	X
Floor mats, front & rear	-	X
Driver frontal impact air bag	X	X
Passenger frontal impact air bag	X	X

REPRESENTATIVE VEHICLES

**Ford

Taurus, Sable

Std.

X¹

**Sole source

1. Available option for leaded fuel (LF)

TABLE VII, continued

OPTIONAL EQUIPMENT		14C
AW1	Additional Warranty, 12 months - 12,000mi.	O
AW2	Additional Warranty, 24 months - 24,000mi.	O
AW3	Additional Warranty, 36 months - 36,000mi.	O
CEC	California emissions	O
CNS	Consignee delivery	O
DC	Delete speed control	O
DRL	Daytime running Lights	O
<u>E2</u>	<u>Engine, V6, 3.0L (24 valve)</u>	<u>O</u>
<u>E85</u>	<u>Alternative Fuel</u>	<u>O</u>
EH	Engine block heater	O
LF	Leaded fuel (export)	O
RACS	AM/FM Radio with Integral cassette player	O
RAD	AM/FM Radio with integral disc player	O
RCT	Remote trunk release	O
RHDX	Right hand drive (export only)	O
RKE	Remote keyless entry	O
S3	Third seat (cloth or vinyl)	O
SIAB	Side Impact Air Bags	O
SK	Metric odometer	O

**14C**

Notes:

TABLE VIII

POLICE TYPE - 4 DOOR AUTOMOBILES, CLASS III AND CLASS IV
(with equipment and components in paragraph 3.2.1)

ITEM NO.	17** (G)	17A** (F)
SPECIFICATION DATA	CLASS III MIDSIZE	CLASS IV LARGE
MODEL	SEDAN PATROL	SEDAN PURSUIT
Style, trunk or hatchback	trunk	trunk
Volume Index, min. <u>cu. ft.</u>	<u>120</u>	130
Wheelbase, mm. min.	2725	2900
Hip/leg room, rear seat, mm min.	1400/925	1460/950
Engine, type, cyl/CD min.	gas, 6/3.8L	gas, 8/4.6L
Transmission, automatic	X - 4 spd	X - 4 spd
Brakes, power, h.d.a.	ABS	ABS
Steering, power	X	X
Suspension, Police Type	X	X
Tires, radial, High speed, all-season	<u>P225</u> -H rated	P225-V rated
Wheels, dia. in. min.	15	16
Rear axle, with ATC	-	X
Electrical, battery (h.d.a.)	X	X
Electrical, alternator, min.	120 amp.	130 amp.
Cooling system (h.d.a.)	X	X
Body side moldings	X	X
Air conditioning	X	X
Rear defroster (elec)	X	X
Luggage comp. & underhood, lamp	X	X
Mirrors, R & L side	X	X
Seat(s), individual adjustable front bucket	X	X
Cloth Upholstery	X	X
Hood release, inside	X	X
Wipers, intermittent	X	X
Wheel covers	X	X
Tilt wheel	X	X
Remote trunk lid release	X	X
Radio, AM/FM	X	X
Keys	X	X
Power windows & door locks	X	X
Driver frontal impact air bag	X	X
Passenger frontal impact air bag	X	X
Daytime running lights w/on-off switch	X	-

REPRESENTATIVE VEHICLES

ITEM	17	17A	ALTERNATIVE FUEL
Ford (F)	-	Crown Vic ¹	CNG (Crown Vic)
		Police Interceptor	
GM (G)	Impala Police		

**Sole source

1. Available option for leaded fuel (LF) For law enforcement use only-MPG requirements do not apply.

TABLE VIII, continued

OPTIONAL EQUIPMENT		17	17A
ATC	Automatic traction control (deletes D3)	N/A	S
CNG	Alt. fuel (dedicated nat. gas)	N/A	O**(F)
CNS	Consignee delivery	O	O
CR	Speed control	O	O
DRH	Delete roof hole (Requires RX1 or RX2)	O	O
DS	Door light switch deactivated	O	O
EH	Engine block heater	O	O
KA	Keys, same key for all locks and same for all cars on order	O	O
LF	Leaded fuel (4.6L export only)	N/A	O
RACS	AM/FM Radio with Integral cassette player	O	O
RAD	AM/FM Radio with integral disc player	O	O
RDI	Rear door locks and windows inoperative	O	O
RF	Rubber floor covering	O	O
RX1	Roof wiring, 10 wire with grommets hole	O	O
RX2	Roof wiring, 2 wire with grommets hole	O	O
SAG	Street appearance package	N/A	O
SF	Split bench front seat	N/A	O
SIAB	Side impact air bags	O	O (N/A F)
SK	Metric odometer	O	O
SL	Spotlight, clear, left side, 6 in.	O	O
SL2	Spotlight, clear, left & right side, 6 in.	O	O
STP	Exterior color, two-tone	O	O
VU	Vinyl Upholstery, front and rear seats	O	O (with option SF only)
VUR	Vinyl Upholstery, rear seat only	O	O
WLT	Wiring for under trunklid warning lights	O	O

**17****17A****NOTES:**

- Individual driver and passenger front seats are now standard
- Cloth upholstery, carpet floor covering, and carpeted floor mats are now standard
- Vinyl covering for bucket seat is not available on 17A.

Optional Equipment Code Index

CODE	DESCRIPTION	PARAGRAPH	CODE	DESCRIPTION	PARAGRAPH
A			M		
ABS	Automatic Antilock Brakes	<u>3.2.6</u>	MR	Mirrors, Left Remote and Right	<u>3.6.1</u>
AC	Air Conditioning	<u>3.6.1</u>	P		
ATC	Automatic Traction Control	<u>3.3.3</u>	PB	Power Brakes	<u>3.2.6</u>
AW1	Additional Warranty 12 mo./12k mi.	<u>3.9.2</u>	PS	Power Steering	<u>3.4.1</u>
AW2	Additional Warranty 24 mo./24k mi.	<u>3.9.2</u>	PWD	Power Driver's Seat	<u>3.6.1</u>
AW3	Additional Warranty 36 mo./36k mi.	<u>3.9.2</u>	PWL	Power Windows and Locks	<u>3.6.1</u>
B			R		
BM	Body Side molding	<u>3.6.1</u>	RA	AM/FM Radio	<u>3.6.1</u>
BS	Bucket Seats, Front	<u>3.6.2</u>	RACS	AM/FM Radio with Cassette Player	<u>3.6.1</u>
C			RAD	AM/FM Radio with Disc Player	<u>3.6.1</u>
CEC	California et al. Emissions	<u>3.2.4</u>	RCT	Remote Trunk Release	<u>3.6.1</u>
CNG	Dedicated Compressed Natural Gas	<u>3.3.2</u>	RD	Rear Window Defroster	<u>3.6.1</u>
CNG2	Dual Fuel (CNG/gasoline)	<u>3.3.2</u>	RDI	Rear Door Locks and Windows Inoperative	<u>3.2.1</u>
CNS	Consignee (Direct) Delivery	<u>3.8.5.1</u>	RF	Rubber Floor Covering	<u>3.6.1</u>
CR	Speed Control	<u>3.6.1</u>	RHD	Right Hand Drive (Export only)	<u>3.6.1</u>
CU	Cloth Seat Material	<u>3.6.3</u>	RKE	Remote Keyless Entry	<u>3.6.1</u>
CUCI	Cloth Seats, Carpet, and Mat	<u>3.6.3</u>	RX1	10 Wire, Roof Wiring with hole	3.2.1
D			RX2	2 Wire, Roof Wiring with hole	3.2.1
D3	Special Traction Differential	<u>3.3.3</u>	S		
DC	Delete Speed Control	<u>3.6.1</u>	SAG	Street Appearance Package	3.2.1
DRH	Delete Roof Hole (Table VIII Police Type)	3.2.1	S3	Third Seat	<u>3.6.1</u>
DRL	Daytime Running Lights	<u>3.6.1</u>	SF	Split Front Seat	<u>3.6.2</u>
DS	Deactivate Door Switch	3.2.1	SIAB	Side impact Air Bags	<u>3.8.2</u>
E			SK	Metric Odometer	<u>3.8.4</u>
E2	Six Cylinder Engine	<u>3.3.1</u>	SL	Left Spotlight	3.2.1
E85	Ethanol Flexible Fuel	<u>3.3.2</u>	SL2	Left and Right Spotlight	3.2.1
EH	Engine Heater	<u>3.3.2</u>	STP	Two Tone Paint	<u>3.6.4</u>
H			T		
H2	H.D.A. Springs and Shocks	<u>3.4.1</u>	T2	Automatic Transmission	<u>3.3.2</u>
H3	Handling and Performance Package	<u>3.4.1</u>	T4	Manual Transmission	<u>3.3.2</u>
H4	H.D.A. Cooling System	<u>3.3.2</u>	TS	Tilt Steering	<u>3.4.1</u>
H5	H.D.A. Electrical System	<u>3.3.2</u>	TTP	Trailer Towing Prep. Package	<u>3.6.1</u>
H8	Taxi Package	3.2.2	V		
K			VU	Vinyl Upholstery, Front & Rear	3.2.1
KA	Same Key on Order	3.2.1	VUR	Vinyl Upholstery, Rear Only	3.2.1
KS	Single Key on Vehicle	3.2.1	W		
L			WC	Wheel Covers	<u>3.6.1</u>
LF	Leaded Fuel	<u>3.8.3</u>	WLT	Under Trunklid Warning Lights	3.2.1
LR	Roof Carrier	<u>3.6.1</u>			

3.1 DETAILED REQUIREMENTS.

3.1.1 DESIGN.

The automobiles furnished under this document shall be the vehicle manufacturer's current production. Vehicle(s) shall be complete with all the necessary operating components and accessories customarily furnished the general public, whether stipulated herein or not, together with such modification and attachments as may be necessary or specified herein to enable the vehicle to function reliably, and efficiently in sustained operation. The term "heavy-duty" as used to describe an item, shall mean in excess of the usual quantity, quality, or capacity that is normally supplied with the standard production vehicle or component. When heaviest duty available (h.d.a.) component is shown, the supplier may provide a vehicle with the standard component(s) when no OEM heavy-duty component is offered for the model specified.

3.1.2 VEHICLE EQUIPMENT AND ACCESSORIES.

Unless otherwise specified, the automobile(s), components, assemblies, and accessories to be delivered under the contract shall be standard or optional commercial automotive products which meet or exceed the requirements specified. They shall comply with all Federal Motor Vehicle Safety Standards, and State Safety Regulations applicable to the specified vehicle on the date of manufacture. All components and optional items shall be as represented in the manufacturer's current technical data. Technical data shall be limited to specifications and technical material, identical to that furnished to the authorized company representatives for selection of vehicle models and components, and shall be on file in appropriate offices of the procuring activity. When a specified component or accessory is available in the chassis manufacturer's sales/engineering data, the vehicle shall be equipped with the OEM item. The component parts of the vehicle need not be the products of the same manufacture.

In addition, the automobile(s) shall be furnished with the equipment, systems, and accessories as specified by the codes in the tables. Codes are defined in the text of the standard, or are self-explanatory, as generally used in the automotive industry unless otherwise specified, optional and standard equipment ordered shall be installed ready for use, unless otherwise specified.

3.1.3 RECOVERED MATERIALS - REGULATORY REQUIREMENTS.

The Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The term "recovered materials" means

materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products is allowed under this document. The O.E.M.'s use of re-refined oil is acceptable and shall be furnished when available.

3.2 VEHICLE AND COMPONENTS.

3.2.1 POLICE-TYPE VEHICLE HEAVY-DUTY COMPONENTS AND EQUIPMENT (TABLE VIII).

Unless extra heavy-duty items are specified, these vehicles shall be furnished with OEM's standard heavy-duty components and equipment offered commercially, and engineered for police-type use, consisting of at least the following, in addition to requirements specified herein and table VIII:

- a. Chassis and components (i.e., cooling and recovery system, radiator, fan blades, OEM maximum capacity rated and long life battery, alternator, starter, transmission, etc.).
- b. Suspension; springs, shock absorbers, wheels, and stabilizer bar(s).
- c. Brakes, power and linings.
- d. Floor-covering, front and rear, carpet with carpeted floor mats. (code RF changes the floor covering to rubber and deletes the carpet and mats)
- e. Seat assemblies with cloth upholstery and separately adjustable individual front seat(s). (code VU changes the seat upholstery to vinyl)
- f. Speedometer; 140 mph head calibrated to 2 percent accuracy.
- g. Tires; high speed type, minimum "H" speed rated.
- h. Engine RPM limiter, and heavy-duty transmission or transaxle oil cooler.
- i. Accessories; dual or dual note electric horn(s), lighter or electric power point, and lighting group w/maplight, report light, approximately 4 in. diameter with switch and opaque lens.
- k. Gauges; engine temperature, and fuel.
- l. Keys, single, code KS, same key for all locks on car, different key for each car. (Code KA changes to same key for all cars on order)

The following options may be specified with police vehicles: code DS, deactive door switch for interior lights; code RX1, roof wiring, center minimum 10 wires with grommated roof hole; code RX2, roof wiring, center minimum 2 wires with grommated roof hole; code SL spotlight, left side; code SL2, spot light, left and right side; code WLT, wiring for under trunklid warning lights; code VU, vinyl upholstery-front and rear seats; and code VUR, vinyl upholstery - rear seat only; code RDI, rear door locks and windows inoperative except from driver's position; code DRH delete roof hole only when RX1 or RX2 are supplied; Code SAG street appearance package.

3.2.2 HEAVY-DUTY COMPONENT TAXI PACKAGE (CODE H8).

When specified, the vehicle shall be furnished with OEM's heaviest duty components available for the model offered, as provided by the manufacturer commercially for taxi vehicles, consisting of at least the following:

- a. Chassis and components: cooling system, radiator and coolant recovery, fan blades, battery, alternator, starter, transmission and oil cooler, engine mounts, etc.).
- b. Suspension; springs, shock absorbers, and stabilizer bar(s).
- c. Brakes; power assist and lining.
- d. Floor covering; front and rear, rubber or vinyl.
- e. Bench or split front seat assemblies; cushions and vinyl covering. (Code CUCI changes upholstery to cloth, floor covering to carpet and adds carpeted mats)
- f. Accessories: dome light, front and rear door switch operated; arm rests and ashtray front and rear; mirrors right and left sides, etc.
- g. Unless otherwise specified, roof wiring and holes shall not be furnished.

3.2.3 RESERVED.

3.2.4 AIR POLLUTION CONTROL.

The vehicle destined for all states (except California et al. states requiring California emissions), the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and American Samoa, shall comply with Environmental Protection Agency (EPA) Regulations governing Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines in effect on the date of manufacture. Vehicles destined for California and for states that have adopted California emissions (code CEC) shall comply with State of California regulations governing air pollution in effect on the date of manufacture. Unless otherwise specified, high altitude emissions requirements shall be presumed in accordance with the stated principal county of the vehicle's ultimate destination as shown in the solicitation/contract (see 6.2).

3.2.5 RADIO INTERFERENCE SUPPRESSION.

Maximum OEM radio suppression/ignition protection available shall be provided.

3.2.6 BRAKE SYSTEM.

All service brakes shall be of the self-adjusting type. When code PB is specified, a power assisted brake system shall be provided. Code ABS requires an automatic antilock four wheel brake system.

3.2.7 HIGH SPEED VEHICLE COMPONENTS AND EQUIPMENT (ITEM 8D).

The vehicle shall be OEM engineered for high speed performance and handling with maximum performance components and equipment available, minimum 0-125 mph speedometer, front air dam, lower body side panels, and rear spoiler.

3.3 DRIVE AND TRAIN.

3.3.1 ENGINE.

Unless otherwise specified as in 1.6.1, the supplier shall furnish the vehicle with an engine of the highest OEM net horsepower (standard or optional engine) which meets or exceeds the specified vehicles MPG requirements of Chart A (page 2). The engine furnished shall not exceed the number of cylinders specified. When specified that the vehicle will be exported, the supplier shall furnish an engine for the ultimate destination in accordance with 3.8.3. Code E2 requires a six (6) cylinder engine, or a 4 cylinder engine with a minimum HP rating of 150 as specified in the table. All optional engines must also meet or exceed the minimum miles per gallon (MPG) specified in Chart A.

3.3.2 ENGINE COMPONENTS AND SYSTEMS.

When specified, the vehicle(s) shall be furnished as indicated by the codes: T2, automatic transmission, with OEM oil cooler when available; T4, manual transmission; H4, heaviest duty and capacity available cooling and recovery system; and H5, heaviest duty available alternator and battery as applicable for the model offered; EH, Block heater; E85, ethanol/gasoline dual energy vehicle; CNG, dedicated natural gas vehicle; CNG2, natural gas/gasoline dual energy vehicle; and, non CFC (Class I refrigerant) or HCFC (Class II refrigerant).

3.3.3 DRIVING AXLE.

When code D3 is specified, the vehicle shall be provided with a positive traction, limited slip, or automatic locking differential. When code ATC is specified, an OEM automatic traction control shall be provided.

3.4 SUSPENSION.

3.4.1 SUSPENSION AND STEERING.

When handling and performance package, code H3, is specified, OEM's components and equipment, offered commercially and engineered for ride and handling performance, shall be furnished. Code H2 indicates OEM heaviest duty available springs and shocks shall be furnished. When code PS is specified, a power assisted steering system shall be provided. When code TS is specified, a tilt steering wheel shall be provided.

3.4.2 TIRES.

Unless otherwise specified, tires shall be OEM radial in at least the minimum size specified with all season or regular highway tread. Tires furnished shall be the same size, type, and ply rating for all wheels including the spare. A conventional spare tire will be provided except when a space saving spare tire assembly is the only type of spare assembly available from the OEM.

3.5 RESERVED.**3.6 BODY.****3.6.1 BODY EQUIPMENT AND ACCESSORIES.**

Each vehicle in addition to FMVSS requirements, shall be equipped with, but not limited to, the following: OEM driver frontal impact air bag; OEM passenger frontal impact air bag; heating/ventilating systems; front arm rests; interior lighting (dome); dual sun visors; left outside mirror; nonglare day and night type inside mirror; applicable spare tire assembly, and changing tools; multispeed dual electric windshield wipers and washers; hubcaps or wheel covers, headliner, floor carpet including carpeted mats for front and rear seating areas, trunk floor covering (carpet/mat); all tinted glass windows available; electric power outlet; and front and rear license plate brackets.

When the following "codes" are specified, the contractor shall provide the vehicle(s) with: code AC, OEM's air conditioning system; code BM, body side exterior protective door and fender moldings; code MR, mirrors, outside, left side, remote controlled, and right side, remote or manual; code RA, OEM AM/FM radio and speaker(s) with clock; code RD OEM rear window electric defroster system; code WC, full wheel covers, or bright trim rings and hubcap if covers not available; code LR, roof luggage carrier; code S3, station wagon third seat; code CR, speed control; code DC, delete code CR; code PWL power windows and door locks; code RCT, remote trunk lid release; code RACS, cassette player integral with radio; code RKE, remote keyless entry; code PWD, power driver seat; code RF, rubber floor covering; code RHD, right hand drive; code TTP, OEM trailer towing preparation package; Code RAD, AM/FM Radio with integral disc player; Code DRL, daytime running lights.

3.6.2 SEATS.

Unless otherwise specified, seats shall be the manufacturer's standard. When specified, code SF, split front; code BS, front bucket seats; shall be furnished. All split front and bucket seats furnished (standard or optional) shall be individually adjustable for leg room.

3.6.3. UPHOLSTERY AND TRIM.

Unless otherwise specified, the interior trim and seat upholstery shall be vinyl or cloth type for all classes, of harmonizing color shades compatible with the exterior color(s). The seat

upholstery color(s) shall be of pastel, medium shades, or mixtures. Unless otherwise specified, dark colors, solid black or white will not be acceptable. When code CU is specified, the seating area shall be of cloth material with trim area in cloth or vinyl. When specified, fabric and vinyl samples and proposed color combinations shall be submitted to the responsible office of the using department or agency for approval; combinations shall be submitted for each vehicle model and color required under the contract.

3.6.4 TREATMENT PAINT, FINISH COLOR.

Unless otherwise specified, vehicles exterior shall be the manufacturer's standard production light/medium color finish. Dark colors, including red, shall not be supplied unless specified. When code STP is specified, one of the manufacturers available two color exterior paint choices will be selected after award.

3.7 RESERVED.**3.8 STANDARD AND ADDITIONAL REQUIREMENTS.****3.8.1 MARKINGS, DATA PLATES, ETC.**

Unless otherwise specified, caution plates/decal(s) shall be conspicuously installed for all equipment furnished requiring such notices. Vehicles shall be provided with warranty pamphlet of the applicable contracted manufacturer's warranty (see 3.5). This copy shall be in the cab compartment. A decal or sticker shall be provided each civil agency vehicle with the following information: contract number; purchase order number; date of delivery, month and year; and the government contact name, address and phone number.

3.8.2 OCCUPANT PROTECTION.

When Code SIAB is specified OEM side impact air bags shall be supplied.

3.8.3 EXPORT VEHICLE SAFETY, EMISSIONS, AND FUEL REQUIREMENTS.

Export vehicle(s) shall conform to applicable safety standards of U.S.A. Unless otherwise specified, vehicles exported shall be capable of extended operation on unleaded gasoline fuel with nozzle restriction. When code LF is specified, vehicles exported shall be capable of accepting all types of refueling nozzles. Leaded fuel vehicles shall be supplied with OEM export configuration, if available. If OEM export configuration is not available, modification parts and procedures shall be in accordance with OEM approved practice. Vehicle modifications needed for leaded fuel operation shall be made prior to shipment. Parts supplied within the vehicle by the contractor constitute an exception and shall be identified in each bid. These modifications shall not degrade vehicle driveability or engine performance and reliability. Leaded fuel vehicle(s) being offered/supplied for export with catalytic converters, without OEM export configuration, or not in accordance with OEM approved practice, constitute an exception and shall be identified in each bid.

3.8.4 SPEEDOMETER/ODOMETER.

Unless otherwise specified, the speedometer shall indicate speeds in both miles and kilometers, and the odometer shall show cumulative distance in miles or kilometers. When specified by code SK, odometer shall show cumulative distance in kilometers.

3.8.5 PREDELIVERY INSPECTION AND SERVICING.

Prior to the acceptance of the vehicle(s), the contractor, at his plant or at an authorized dealership of the same make, shall perform final predelivery inspection. This inspection shall include the predelivery servicing, lubricating, adjustments, appearance cleaning, and make-ready to use and operate the vehicle and the furnished contracted equipment. The predelivery servicing shall be performed in accordance with the equipment and vehicle manufacturer's prescribed form. Servicing shall comply with the ambient temperatures and conditions applicable with the route of transport and the consignee's ultimate destination and area of operation. All vehicle cooling systems shall be protected with a minimum 50/50 solution of permanent type antifreeze and water. Dealer shall not affix any dealer identification items such as decals, plates, logos or other advertising material to the vehicle.

3.8.5.1 DIRECT DELIVERY.

When direct (consignee) delivery, code CNS is specified in the solicitation/contract, code CNS, the contractor shall perform the final predelivery inspection and servicing at either the contractor's plant or at the manufacturers nearest the designated origin. External appearance cleaning is not required. Following predelivery servicing, vehicles may be shipped to the consignee with easily lost or damaged items (for example, wheelcovers, antennas) inside the vehicle. Installation of these items is the responsibility of the receiving agency. Protective mats and covers shall be in place.

3.8.5.2 DEALER DELIVERY.

Unless otherwise specified, dealer delivery is required. The contractor shall have the final predelivery inspection and servicing performed at an authorized dealer of the same make nearest to the destination. Following predelivery servicing, the dealer shall notify the person/office designated on the delivery order that the vehicle is ready for pickup (see 6.2). Vehicle title/registration and safety/emission tests are the responsibility of the requisitioning agency.

3.8.6 WORKMANSHIP.

Vehicles shall be free from defects which may impair their operation, safety, serviceability or detract from appearance.

3.8.7 OPERATORS' MANUALS.

The successful bidder shall furnish each vehicle at least one operator's and maintenance handbook, and warranty information, including a handbook(s) for any furnished special equipment.

3.8.8 STATEMENT OF ORIGIN OR BILL OF SALE.

Unless otherwise specified, manufacturer's Statement of Origin or Bill of Sale showing the applicable purchase order number for each vehicle procured shall be provided. The document shall be forwarded to the consignee mailing address, or to the office indicated, prior to shipment.

3.9 WARRANTY.**3.9.1 BASIC WARRANTY COVERAGE.**

The contractor shall provide the chassis manufacturer's commercial warranty and the furnished equipment commercial warranty against parts failure or malfunction due to design, construction, or installation errors, defective workmanship, and missing or incorrect parts (exceptions, see 6.9) for a minimum period of 12 months, and 15 months for vehicles outside the United States and District of Columbia, from date of acceptance, or 12,000 miles of operation, exclusive of any accumulated driveaway mileage, whichever occurs first. Warranty coverage shall include any defects or shortcomings under 3.8.5. The warranty begins when the Government accepts the vehicle from the contractor FOB point of origin/destination.

3.9.2. EXTENDED COVERAGE.

In addition to the basic coverage, the contractor shall provide the chassis manufacturer's commercial whole vehicle warranty. This coverage shall be for at least 3 years from date of acceptance or 36,000 miles, exclusive of accumulated driveaway mileage, whichever occurs first.

3.9.2.1 WARRANTY, ADDITIONAL COVERAGE.

Additional warranties shall have the same exact coverage as the original basic manufacturer's warranty. The additional warranties shall be provided by the original vehicle manufacturer for vehicles in tables I, II, III, IV, V, VI, VII and VIII. When the following codes are specified, additional warranty periods, as indicated shall be furnished: Code AW1, 12 months or 12,000 miles (total warranty coverage of 48 months or 48,000 miles) whichever comes first; Code AW2, 24 months or 24,000 miles (total warranty coverage of 60 months or 60,000 miles) whichever comes first; Code AW3, 36 months or 36,000 miles (total warranty coverage of 72 months or 72,000 miles) whichever comes first.

3.9.3. CORROSION COVERAGE.

The contractor shall provide the chassis manufacturer's commercial corrosion coverage. This coverage shall be for at least 5 years/100,000 miles. This coverage applies only to domestic use.

3.9.4. EMISSION CONTROL SYSTEM.

The contractor shall provide a warranty, in conformance with applicable regulations of the Federal Environmental Protection Agency and the California Air Resources Board, that covers emission control related parts which will be replaced, repaired, or adjusted if there is a defect in a covered part that causes the vehicle to fail to conform to regulations for 5 years or 50,000 miles, whichever occurs first. Some components (such as distributor, spark plugs, ignition wiring, and manifolds) are excluded if over 24 months or 24,000 miles and their primary purpose is not to reduce vehicle emissions. Some items may require scheduled replacement and are only warranted up to the first replacement interval. This coverage applies only to domestic use.

3.9.5. DOMESTIC USE.

When vehicles are used within the fifty States of the United States, the District of Columbia, Puerto Rico and the Virgin Islands, the warranty shall include furnishing without cost to the Government (FOB contractor's nearest dealer or branch to vehicle's location or station) new parts and assemblies to replace any that failed or malfunctioned within the warranty period. In addition, when the Government elects to have the work performed at the contractor's plant, branch, dealer, or with the contractor's approval, (i) to correct the defect itself or (ii) to have it corrected by a commercial garage facility, the cost of the labor involved in the replacement of the failed or malfunctioned parts or assemblies shall be borne by the contractor.

3.9.6. FOREIGN USE.

When vehicles are used outside the fifty States of the United States, the District of Columbia, Puerto Rico, and the Virgin Islands, the warranty shall include furnishing new parts or assemblies to replace any returned to the contractor by the Government which failed or malfunctioned within the warranty period. The replacement parts or assemblies shall be delivered by the contractor to the port of embarkation in the United States designated by the Government. The contractor shall not be required to bear the cost of the labor involved in correcting defects in vehicles operated in foreign countries.

3.9.7. WARRANTY EXTENSIONS.

If the contractor receives from any supplier or subcontractor additional warranty coverage on the whole or any component of the vehicle, in the form of time and/or mileage including any pro rata arrangements, or the contractor generally extends to his commercial customers a greater or extended warranty coverage, the Government shall receive corresponding warranty benefits.

4. QUALITY ASSURANCE PROVISIONS.

4.1 RESPONSIBILITY FOR INSPECTION.

Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements specified herein. The supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections deemed necessary to assure that supplies and services conform to prescribed requirements.

4.2 CLASSIFICATION OF INSPECTIONS.

The purchaser shall specify the inspection(s) required for each vehicle. The inspections are classified as follows:

- (a) Source inspection (4.2.1)
- (b) Destination examination (4.2.2)

4.2.1 SOURCE INSPECTION.

When specified, vehicles shall be inspected on completion, visually, and by examination of documentation and data books, by the Government prior to shipment from manufacturer's factory or assembly plant to determine compliance to the contract requirements.

4.2.2 DESTINATION EXAMINATION.

When specified, the contracted vehicle(s) shall be examined at its destination. The vehicle(s) shall be visually examined to determine compliance to the contract requirements and include the operational check of 4.2.2.1. Vehicle failures, defects, and/or shortcomings may be accepted subject to correction by the contractor/manufacturer of those points.

4.2.2.1 OPERATIONAL CHECKS.

Operational checks shall cover all controls, systems, and devices, doors, windows, accessories, and road testing of the completed vehicle. Vehicle shall be driven at various speeds, brakes tested for dependability, checked for rattles, squeaks, and compliance to 3.8.5.

4.3.1 RESERVED.

4.4 GOVERNMENT VERIFICATION.

Quality assurance operations performed by the contractor will be subject to Government verification at unscheduled intervals. Verification will consist of observation of the operations to determine that practices, methods, and procedures of the contractor's inspection are being properly applied. Failure of the contractor to promptly correct product deficiencies discovered shall be cause for suspension of acceptance until correction has been made or until conformation of product to specification criteria has been demonstrated.

4.5 PRODUCT CONFORMANCE.

The products provided shall meet the salient characteristics of this standard, conform to the producer's own drawings, specifications, standards, and quality assurance practices and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

5. PREPARATION FOR DELIVERY.

5.1 PREPARATION.

Unless otherwise specified, the vehicle shall be packaged for mobile delivery in accordance with the supplier's standard commercial practice, ensuring carrier acceptance and safe delivery to destination in compliance with regulations applicable to the mode of transportation. When direct delivery is specified, the fuel tank shall be filled with a minimum of 3 gallons of fuel. When dealer delivery is specified, the fuel tank shall be filled to at least the half full mark on the fuel gauge.

6. NOTES.

6.1 ORDERING DATA.

Purchaser should select the required vehicle(s) from the tables. For the most expeditious requisitioning of these vehicles use GSA Form 1781 or electronic submission. Shipment and inspection acceptance shall be in accordance with sections 4 and 5.

6.2 PROCEDURE TO IDENTIFY VEHICLE AND OPTIONS.

This standard provides latitude to the purchaser, as to the class automobile and options available for obtaining effective vehicles. For requisitioning purposes, identification of vehicle selected shall be shown on the order as: vehicle item number (from table), followed by the code(s) of additional systems and equipment purchaser requires, and exterior color desired. Example: (Item 9c, E2-color MSPC blue). Do not repeat codes shown on preequipped alternate items (vehicles).

6.3 COLOR OPTIONS.

It is recommended that whenever possible, manufacturer's standard color be selected to avoid extra cost.

6.4 NOTIFICATION.

When dealer delivery is specified, a phone number and person/office that will arrange for pickup of the vehicle must be provided.

6.5 INFORMATION.

Purchasers desiring detailed description (other than herein) of the vehicle(s) and related equipment should refer to manufacturer's data.

6.6 POLICY AND PROCEDURE.

Alternate items, sole source items, sole source options, and other special equipment shall be selected by the purchasing agency to provide for overall economy, safety, efficiency, and suitability of the vehicle for the purposes intended. The agency head or his designee shall determine which vehicles require these specific additional systems or equipment, and among other factors shall consider:

- (a) Climatic conditions prevailing in the area of operation.
- (b) Effect on vehicle operational capabilities.
- (c) Special terrain requirements.
- (d) Availability of maintenance and service facilities.
- (e) Fuel availability and cost.

6.7 DEVIATION FROM FEDERAL STANDARD NO. 122.

Requisitions from agencies for vehicle(s) and other systems or equipment not identified in this standard, or for sole source options identified in this standard, shall be accompanied by a supporting justification, setting forth the intended use of the vehicle including a description of the terrain where such vehicle will be used.

6.8 ENERGY POLICY REQUIREMENTS.

The fleet fuel economy average of passenger automobile(s) acquired by an Executive Agency must meet or exceed the average fuel economy standard for the appropriate model year, under Executive Order 12375, dated August 4, 1982 (see FPMR 101-38.104, Acquisition of Fuel-Efficient Passenger Automobiles).

6.9 WARRANTY EXCEPTIONS.

Unless otherwise specified or within the additional coverage under 3.9.7, the following items are considered normal maintenance and repair for which the contractor need not assume liability for reimbursing the Government regardless of the vehicle age or mileage.

- (a) Abuse, negligence, or unapproved alteration of original parts.
- (b) Damage from accidents.
- (c) Brake and standard clutch adjustments.
- (d) General tightening, head lamp adjustments, and normal scheduled maintenance services.
- (e) Wheel alignment or tire balancing.
- (f) Tires and batteries (if warranted by their manufacturers).
- (g) Miscellaneous expense such as fuel, towing, telephone, travel, lodging, or loss of personal property.
- (h) Cosmetic or surface corrosion such as due to airborne-fallout, stones, hail, wind.

6.10 CHANGES AND NOTICES.

Request for changes or addition to the standard, supported by adequate justification, shall be sent to the General Services Administration, Automotive Division (FFAE), Washington, D.C. 20406, for appropriate action. The agency will be informed of action taken.

MILITARY REVIEW ACTIVITIES:

Air Force - 84-99
Army - AT - CE
Navy - YD-MC
Defense Logistics

Civil Coordination & Preparing Activity:

GSA-FSS-FFAE

CIVIL AGENCY REVIEWING ACTIVITIES:

Agriculture - FS - ARS - NRCS - APHIS
Interior - BLM - Reclamation
State - AID
Transportation - CG
Treasury - IRS - Sec. Svc. - Customs - ATF
Energy - BPA
Commerce - NOAA
Justice - INS
EPA
TVA
VA
Panama Canal Commission
Army-Air Force Exchange